

Abstract

The heterologous expression of the OlePKS in *Streptomyces lividans*, produces 8,8a-deoxyoleandolide, an aglycone precursor of oleandomycin. The co-expression with DEBS in *S. lividans* of the P450 monooxygenase OleP
5 produces 8,8a-dihydroxy-6-deoxyerythronolide B and other derivatives that are precursors to important macrolide antibiotics.

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